

## Enhanced 12 Bay 3U Subsystem SCSI/Fibre to PATA RAID

- 30% to 40% increase in data performance
- RAID Levels 0, 1 (0+1), 3, 5, R30, R50
- Two Ultra4 (Ultra 320) SCSI Host Channels or two 2Gb Fibre Host Channels
- RAID Storage Management S/W Included
- Outstanding Performance & High Reliability
- Greater Capacity - 4.8 TB of Storage



### Overview

The Sonic Enhanced series is Caen Engineering's advanced high density PATA RAID subsystems featuring the latest Ultra4 technology. The Sonic PATA RAID Enhanced line utilizes the Intel XScale i80321 600MHz, 64bit CPU to provide a cost effective, highly reliable, subsystem with improved I/O performance. With a 133MHz PCI-X interface the units achieve up to 1GB per second performance. The Sonic PATA RAID Enhanced subsystems support either Ultra4 SCSI or 2Gbps Fibre channel host connections and utilize cost-effective PATA drives which simplify the storage setup and management process making it ideal for small to mid-sized servers or workstations and various applications including data backup, media streaming, video on demand, CCTV etc.

### Features

**High-density slim enclosure** supports up to 12 drives in 3U (5.25") height.

**Built-in FC By-Pass Module** enables user to connect multiple PATA systems in a FC loop without the extra cost of an external FC Hub or Switch.

**UART to LAN Module** provides a TCP/IP based out-band management for your RAID systems. UART to LAN connects to the RAID system via a UART port and provides remote management functionalities to the subsystem over the networks via the Ethernet port. It also provides a local UART ports for users who need to manage the RAID via the text-mode console.

**High-Quality Design** The Sonic PATA 12P meets the industry safety standard. One of the product advantages is the aluminum device carrier. The aluminum construction allows for greater heat dissipation and emissions protection. Our complete cableless design utilizes solid PCB and connectors instead of cables to improve signal quality and system reliability.

## Caen Engineering, Inc.

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# Sonic PATA 12P

<b>Model</b>	<b>PATA/SATA 2U 8 bay P Series U4</b>	<b>FC</b>
<b>RAID Engine</b>	Intel i80321 64bit RISC CPU	
<b>RAID Levels</b>	0, 1, 3, 5, 0+1, R30, R50	
<b>Cache Support (Write back)</b>	Up to 1Gb with ECC 200pins DDR Memory	
<b>System Type</b>	Rack mountable	
<b>Host Interface</b>	Dual Ultra4 SCSI Channels	Dual loops 2Gb Fibre Channels, Standard SFP connectors
<b>Host Transfer Rate</b>	320MB / Sec per channel	2Gb/ Sec per loop
<b>Disk Interface</b>	PATA EIDE-ATA-133 / SATA 1.5Gbps	
<b>Disk Channel</b>	Twelve SATA Ultra DMA 133 Disk Channel	
<b>LCD Display</b>	2 Lines by 16 Characters	
<b>Hot-Swappable and Redundant</b>	Yes (Power Supply, Drive and Fan).	
<b>Hot Spare</b>	Yes (Drive)	
<b>Battery Back-Up Module</b>	Optional, Support up to 72hrs battery back-up time (N.A.)	
<b>UART <math>\mu</math>V LAN</b>	Window-Based GUI RAID manager designed for SCSI/FC host based RAID solutions. The OS-independent, cross-platform RAID management allows configuration and status monitoring via standard web browsers or host computers either directly connected to a LAN or WAN.	
<b>FC bypass Module</b>	Optional, Connecting each RAID systems with in-build FC hub adaptors, provides the greater extension availability, No need extra External FC Hub or Switch.	
<b>Array Management Support</b>	Yes	
<b>Automatic Bad-Sector &amp; Error Recovery</b>	Yes	
<b>Automatic Drive Rebuilds</b>	Yes. Automatic Data rebuilds	
<b>Audible Alarm, Pager and Fax Notification</b>	Yes. The Pager and Fax Notification have to connect to an external modem.	
<b>Remote Terminal Configuration</b>	Yes. Through RS-232 emulation terminal.	
<b>Operating Systems</b>	O/S Independent and Transparent	
<b>Power Supply</b>	700 watts Redundancy high quality power system, two 350 watts module with PFC function. Load sharing type and cable-less design	
<b>Electrical</b>	AC Voltage 100-240 VACac Frequency 47-63Hz	
<b>Temperature</b>	Operating Temperature : 5 to 35 degree C. Non Operating Temperature : -40 to 60 degree C.	
<b>Relative Humidity</b>	20% to 80% non-condensing	
<b>Dimensions</b>	175.4" (W) * 215"(D) * 5.25"(H)	
<b>Weight</b>	62 lbs	

## Models

- RP112U4- 001** 12 bay, Dual channel, Ultra4 (Ultra320) SCSI to PATA RAID Subsystem
- RP112FP- 001** 12 bay, Dual Loop, 2Gb FC-AL to PATA RAID Subsystem
- RP112FP- 002** 12 bay, Dual Loop, 2Gb FC-AL to PATA RAID Subsystem w/ By-Pass Module

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